

# MATERIAL SAFETY DATA SHEET



Date Issued: 07/10/2008

MSDS No: 1082

## POLY PRINT 8515

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** POLY PRINT 8515**GENERAL USE:** Carrier ink for printing process.**PRODUCT CODE:** 1082, 1082A**ALTERNATE TRADE NAME(S):** Polyprint 8515**MANUFACTURER**

Tarr Acquisition, LLC

4115 W. Turney Ave.

Phoenix AZ 85019

**Service Number:** 602-233-2000**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (US Transportation) :**(800) 424 - 9300**CANUTEC (Canadian Transportation) :**(613) 996 - 6666

### 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

**IMMEDIATE CONCERNS:** WARNING! Flammable liquid and vapor. Harmful or fatal if swallowed. Vapor harmful.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Liquid is moderately irritating to the eyes. High vapor concentrations may also be irritating. Direct contact with the liquid or exposure to its vapors or mists may cause stinging, tearing, redness, swelling and eye damage.

**SKIN:** Liquid is mildly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**INGESTION:** Liquid is moderately toxic and may be harmful if swallowed; may product CNS depression. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

**INHALATION:** Vapors may be irritating to the nose, throat, and respiratory tract. Exposure to high vapor concentrations may cause central nervous system (CNS) depression.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**ACUTE TOXICITY:** Shortness of breathing, confused behavior, redness of skin, swelling of tissues, watery eyes, and nausea.

**MEDICAL CONDITIONS AGGRAVATED:** Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. Impaired function from preexisting disorders may be aggravated by exposure to this product.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %	CAS
Ethanol	75 - 80	000064-17-5
2-Propanol	3 - 6	000067-63-0
n-Propyl acetate	15 - 20	000109-60-4

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention, if irritation occurs or persists.

**SKIN:** Wash with soap and water for at least 15 minutes. Get medical attention, if irritation develops or persists.

**INGESTION:** Do not give liquids if victim is unconscious or drowsy. Otherwise, give 2 glasses of water and induce vomiting by giving 30cc syrup of ipecac (or touching finger to the back of victim's throat). Keep victim's head below hips while vomiting. Call doctor.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Seek immediate medical attention.

**5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** (53°F)

**FLAMMABLE LIMITS:** 0.017 to 0.19

**AUTOIGNITION TEMPERATURE:** Not Established

**EXTINGUISHING MEDIA:** Use water fog, "alcohol" foam, dry chemical, or CO<sub>2</sub>.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide and unidentified organic compounds may be formed during combustion.

**EXPLOSION HAZARDS:** When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

**FIRE FIGHTING PROCEDURES:** WARNING! Flammable Liquid. Clear fire area of unprotected personnel. Fire fighters should wear self contained breathing apparatus. Vapors may travel considerable distance to a source of ignition and flash back. Water spray may be ineffective in fighting fire. Water spray may be used to cool closed containers to prevent pressure build-up and possible rupture of containers. Keep away from heat, sparks and flame. Keep containers closed. Use with adequate ventilation.

**6. ACCIDENTAL RELEASE MEASURES**

**GENERAL PROCEDURES:** WARNING. Flammable. Ventilate area of leak or spill. Remove all sources

of ignition. Clean-up personnel require protective clothing and respiratory protection from vapors. Only specially trained or qualified personnel should handle the emergency.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

**COMMENTS:** KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition; they may explode and cause injury or death.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethanol	TWA	1000	1900	1000	1884	NL	NL
	STEL					NL	NL
2-Propanol	TWA	400 ppm	980 mg/m <sup>3</sup>	200 ppm	490 mg/m <sup>3</sup>	NL <sup>[1]</sup>	NL <sup>[1]</sup>
	STEL	ppm	mg/m <sup>3</sup>	400 ppm	960 mg/m <sup>3</sup>	NL	NL
n-Propyl acetate	TWA	200	840	200	835		
	STEL			250	1040		
<b>OSHA TABLE COMMENTS:</b> 1. NL = Not Listed							

**ENGINEERING CONTROLS:** Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical safety goggles and full face shield where splashing is possible.

Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

**SKIN:** Wear resistant gloves such as: Neoprene or rubber or consult your safety equipment supplier. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**RESPIRATORY:** If exposure may or does exceed occupational exposure limits (Sec. 8) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

**PROTECTIVE CLOTHING:** Where splashing is possible, full chemically resistant protective clothing (e.g., acid suit) and boots are required.

**WORK HYGIENIC PRACTICES:** Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**COMMENTS:** May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild odor.

**APPEARANCE:** Clear, water-white liquid.

**VAPOR PRESSURE:** 14.5 - 25

**VAPOR DENSITY:** Heavier than air.

**BOILING POINT:** (173°F)

**FREEZING POINT:** Not Established

**MELTING POINT:** Not Established

**FLASHPOINT AND METHOD:** (53°F)

**SOLUBILITY IN WATER:** Infinite

**EVAPORATION RATE:** Less than 1 (n-Butyl Acetate = 1)

**DENSITY:** 6.74

**SPECIFIC GRAVITY:** 0.800 to 0.95 (water=1)

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Avoid heat, sparks, flame and contact with strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 120 deg. F.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide and unidentified

organic compounds may be formed during combustion.

**INCOMPATIBLE MATERIALS:** This product is incompatible with strong acids or bases, oxidizers, alkali metals, and halogens.

## 11. TOXICOLOGICAL INFORMATION

**CHRONIC:** Laboratory studies have shown that petroleum distillates may cause kidney, liver, or lung damage. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**TARGET ORGANS:** This product contains ethanol. Alcoholic beverage consumption has been associated with brain damage, heart damage, and pancreatitis in humans. The relevance of these findings to ethanol exposure in industrial environments is uncertain.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

**EMPTY CONTAINER:** KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

**RCRA/EPA WASTE INFORMATION:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Ethyl alcohol solutions

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN 1170

**PACKING GROUP:** II

**NAERG:** 127

**LABEL:** Flammable liquid

## 15. REGULATORY INFORMATION

**UNITED STATES****DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**

Flammable Liquid

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** This product should be reported as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes  
**CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:** To the best of our knowledge, chemicals in this product are not listed as toxic chemicals under Section 313 of SARA Title III.

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** To the best of our knowledge, this product is not listed as an extremely hazardous substance.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**16. OTHER INFORMATION**

**PREPARED BY:** COMPLIANCE DEPT.

**REVISION SUMMARY:** New MSDS

**HMIS RATING**

<b>HEALTH:</b>	<b>1</b>
<b>FLAMMABILITY:</b>	<b>3</b>
<b>PHYSICAL HAZARD:</b>	<b>0</b>
<b>PERSONAL PROTECTION:</b>	<b>H</b>

**HMIS RATINGS NOTES:** The HMIS rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in the MSDS must be considered.

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